

FIG. 1A

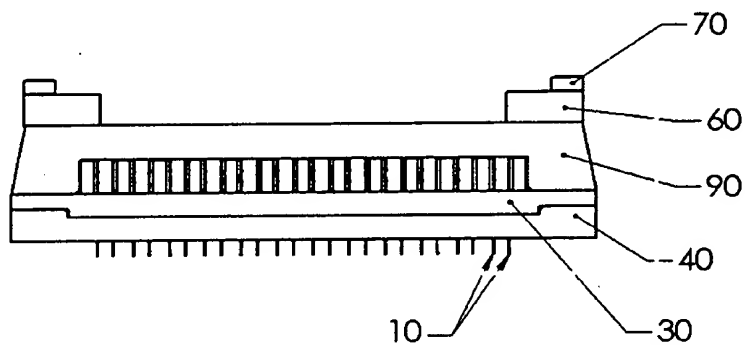


FIG. 1B

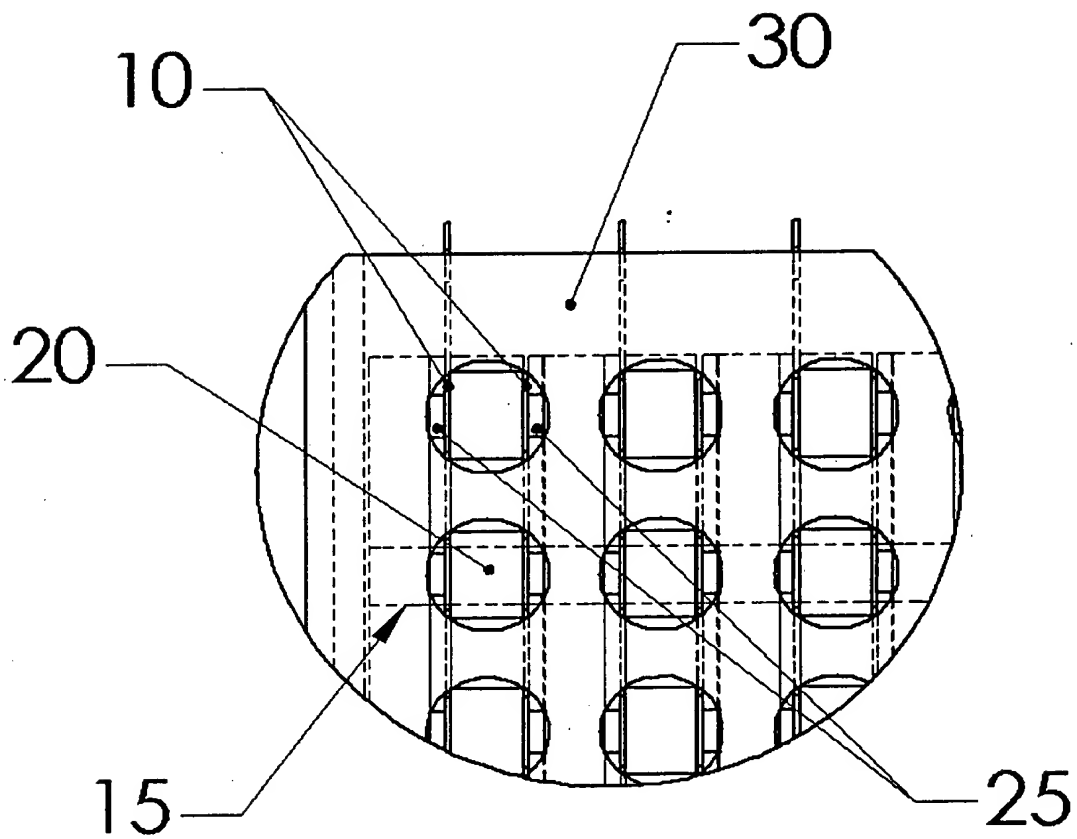


FIG. 1C

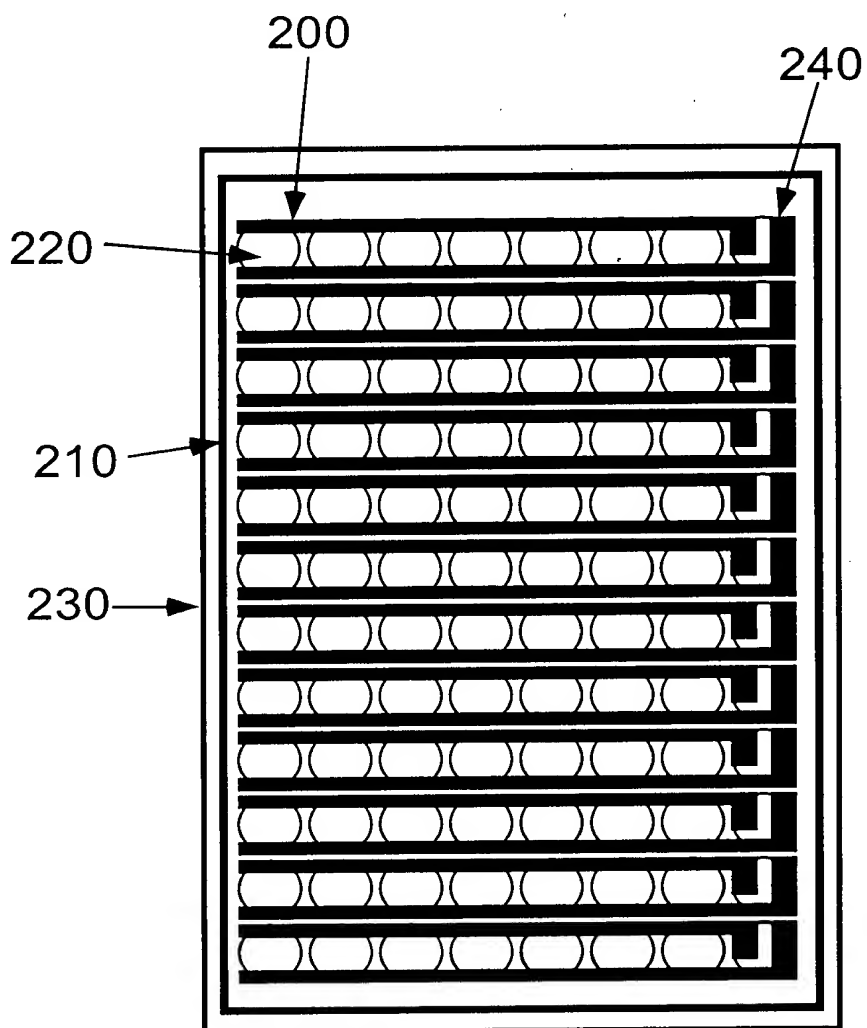
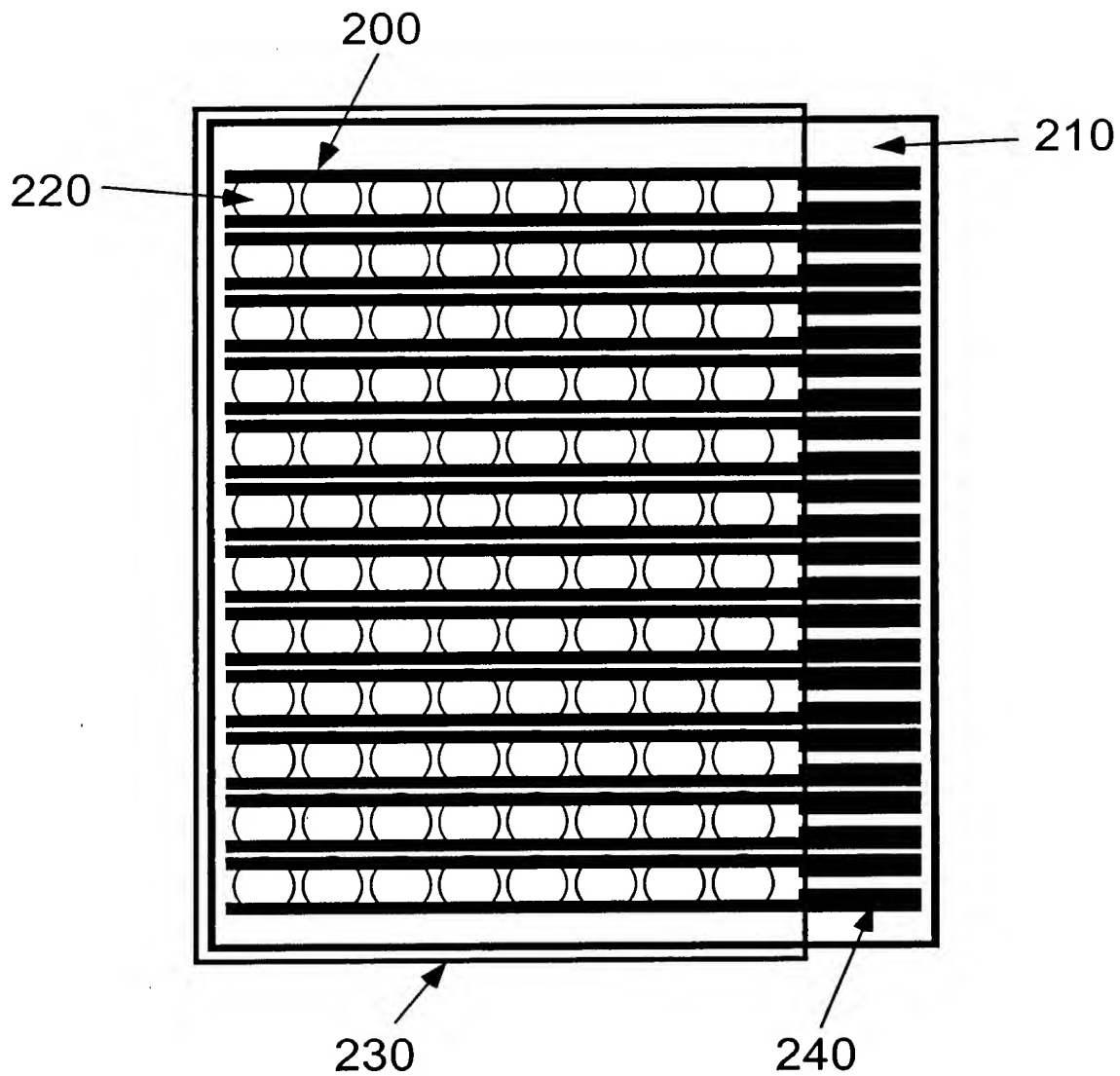


FIG. 2A



**FIG. 2B**

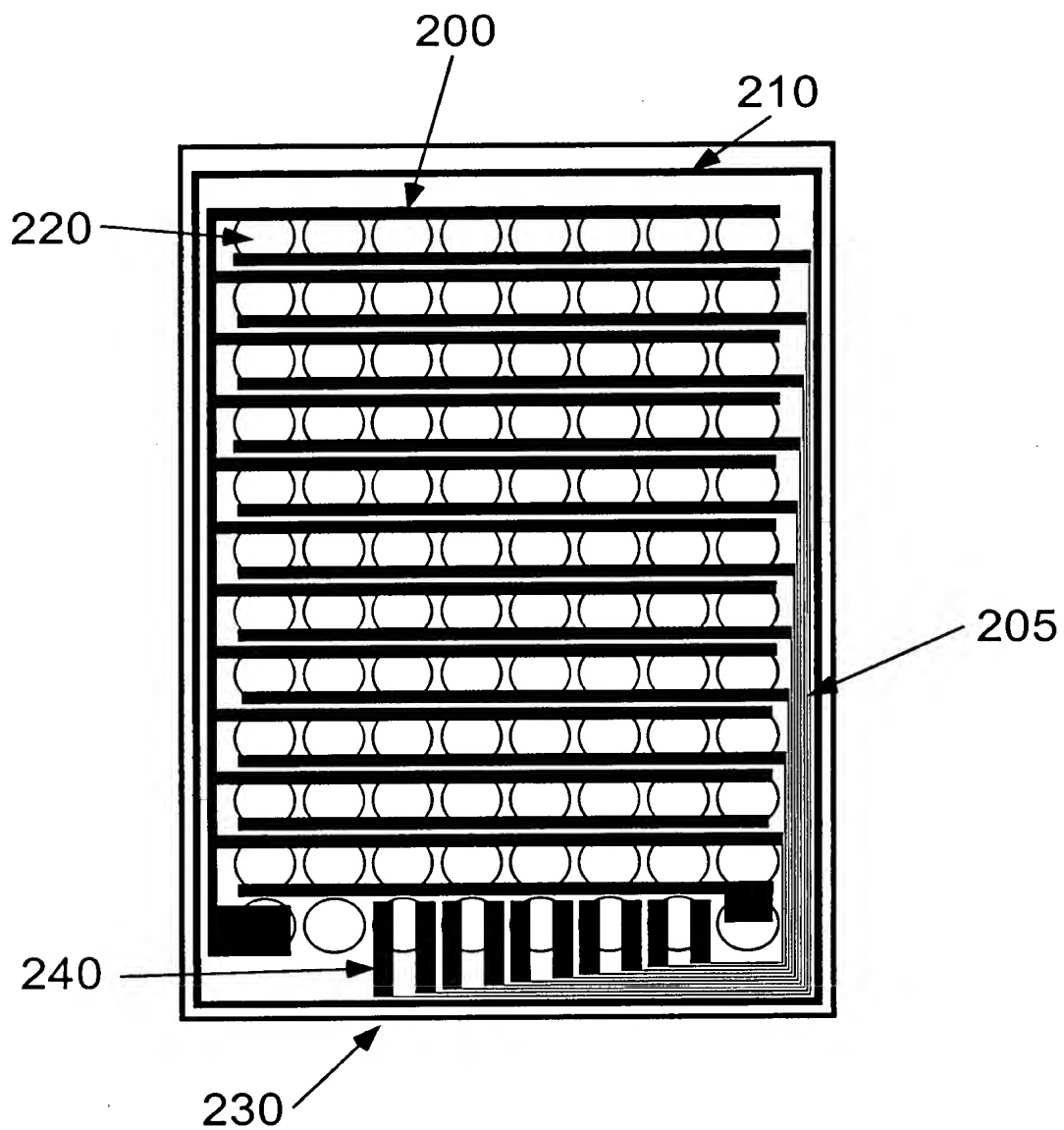


FIG. 2C

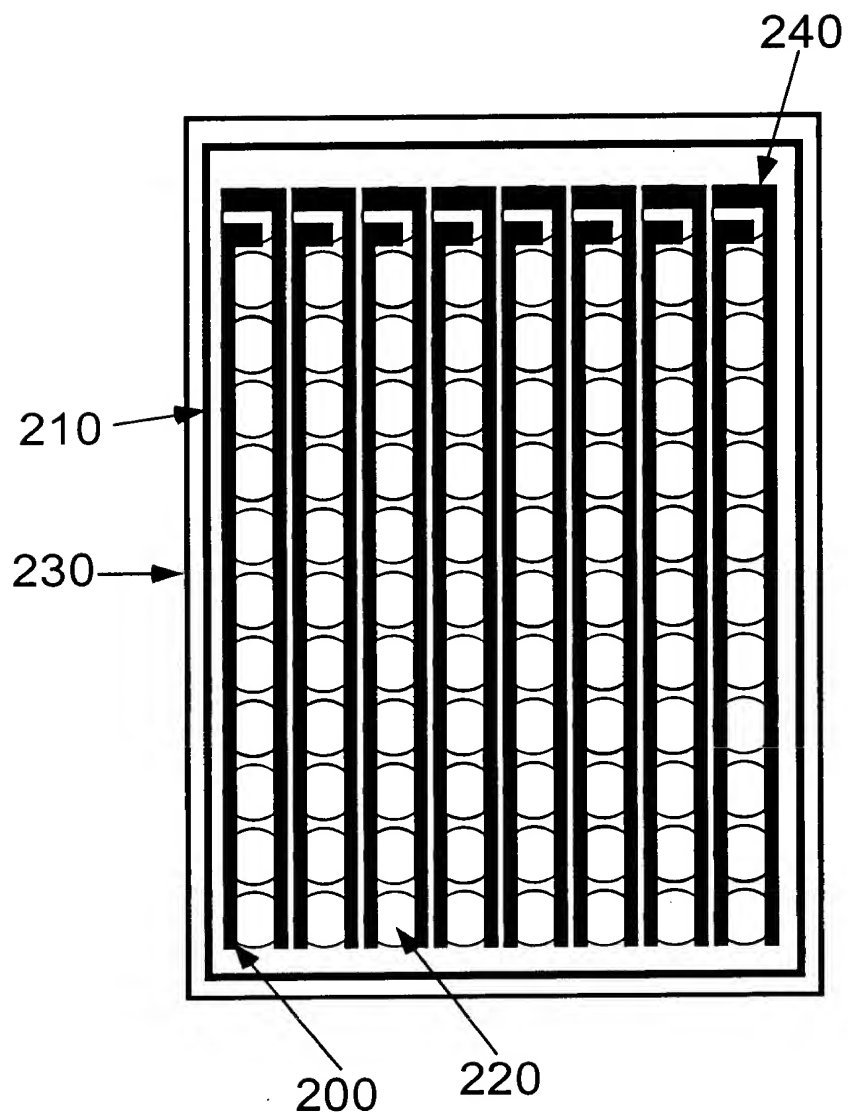


FIG. 2D

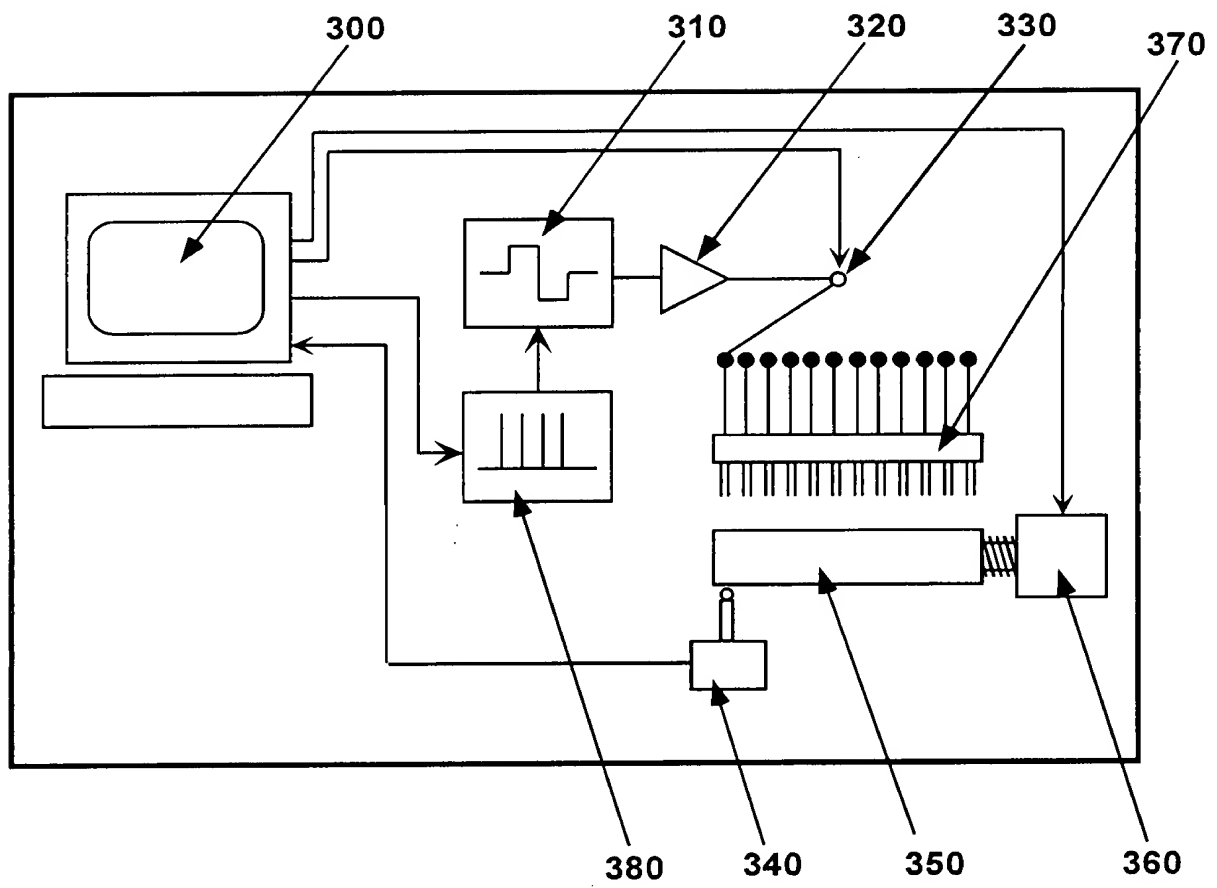
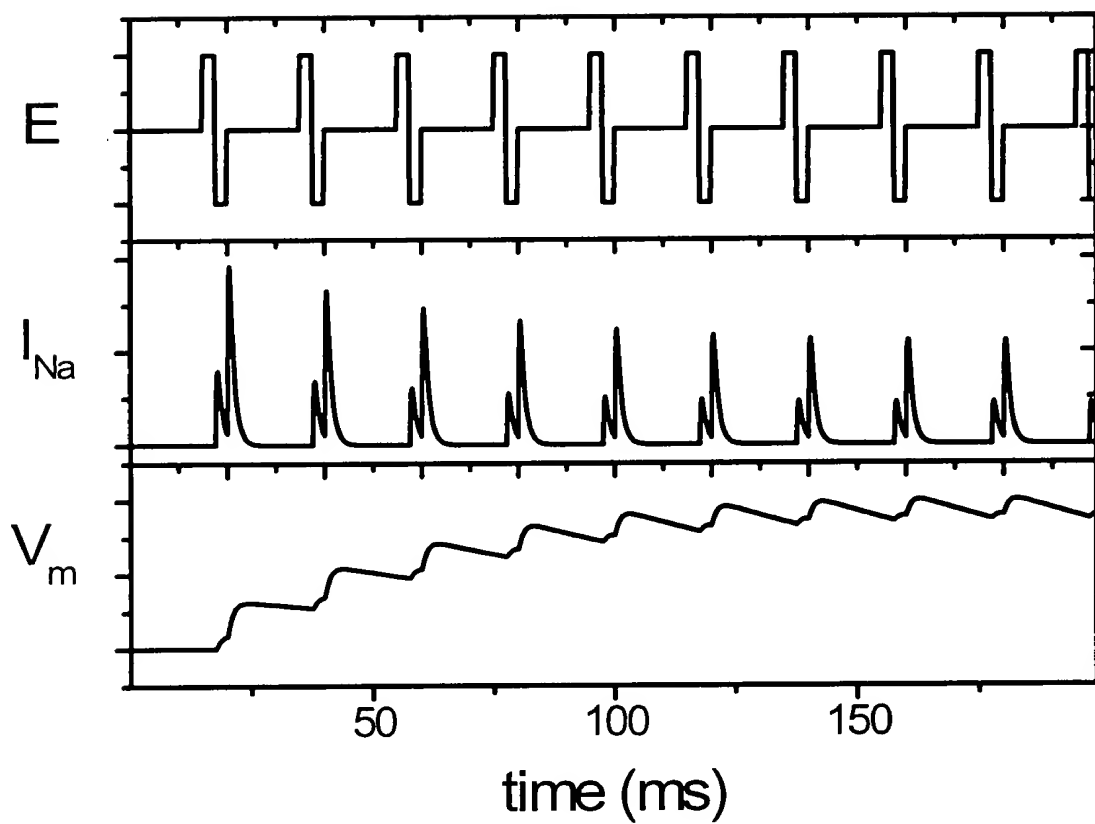


FIG. 3



**FIG. 4**



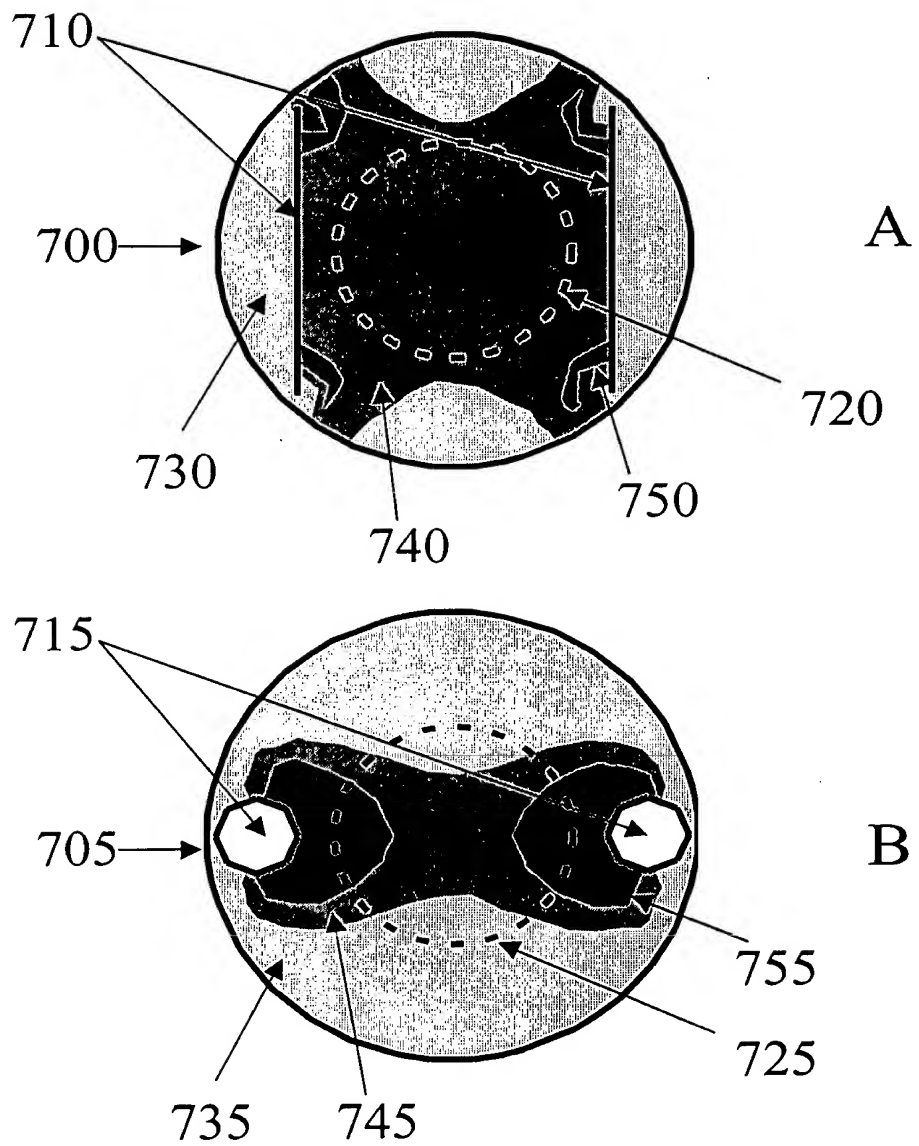
The graph illustrates four events (E1, E2, E3, E4) plotted against time. The x-axis is labeled 'TIME' with an arrow pointing right. The y-axis represents values. E1 is a horizontal line at 400 from time 400 to 410. E2 is a vertical line at 420 from time 410 to 430. E3 is a vertical line at 440 from time 430 to 450. E4 is a horizontal line at 460 from time 450 to 470.

FIG. 5

Figure 1 consists of eight sub-diagrams labeled (a) through (h), each showing a different type of electric field waveform. Diagram (a) shows a step function with a vertical axis labeled  $E$  and a horizontal axis labeled "time". Diagram (b) shows a square wave. Diagram (c) shows a pulse train. Diagram (d) shows a sawtooth wave. Diagram (e) shows a triangular wave. Diagram (f) shows a sinusoidal wave. Diagram (g) shows a high-frequency sinusoidal wave. Diagram (h) shows a complex waveform with multiple frequencies.

FIG. 6

FIG. 7



**FIG. 7**

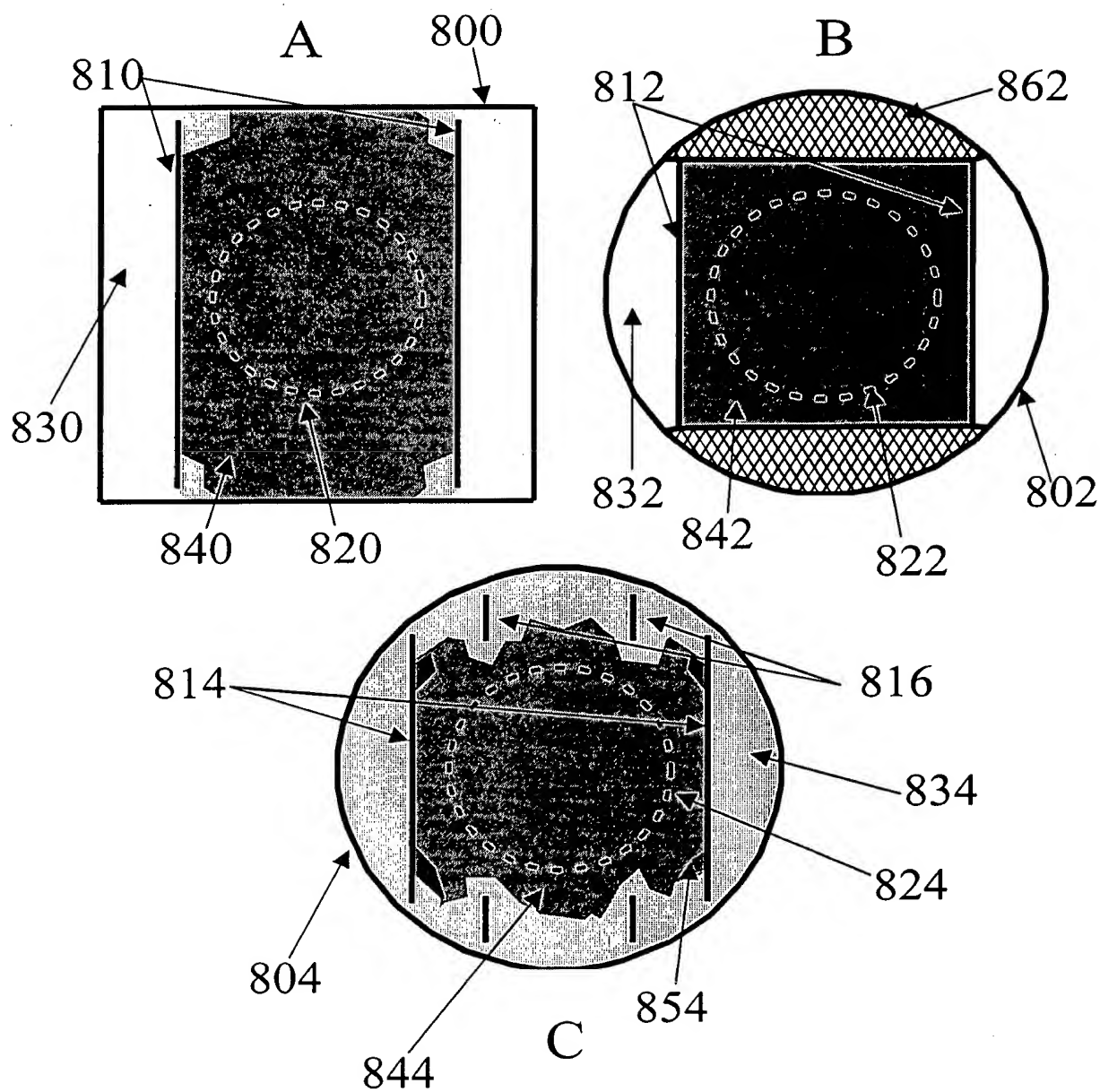


FIG. 8

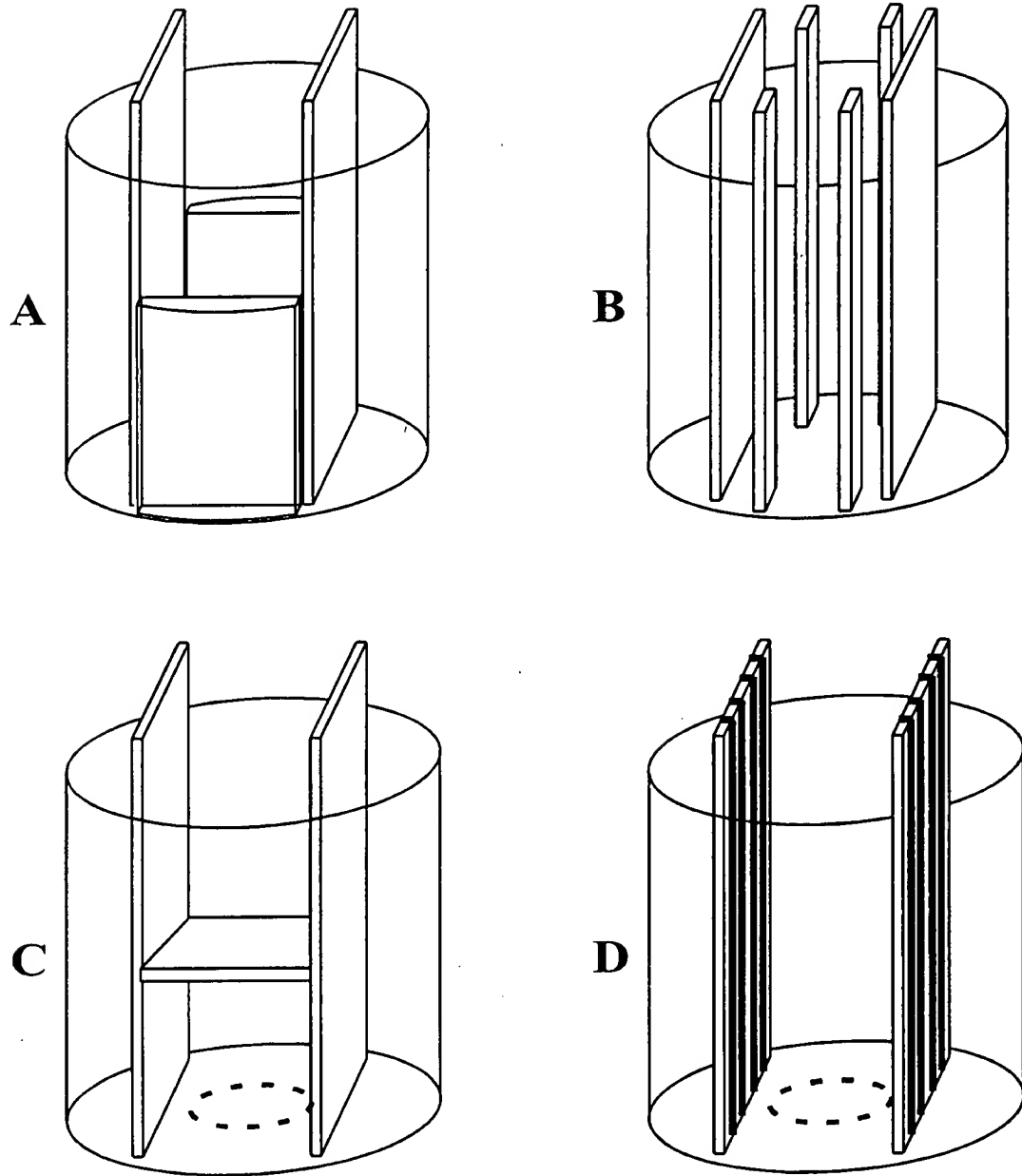


FIG. 9

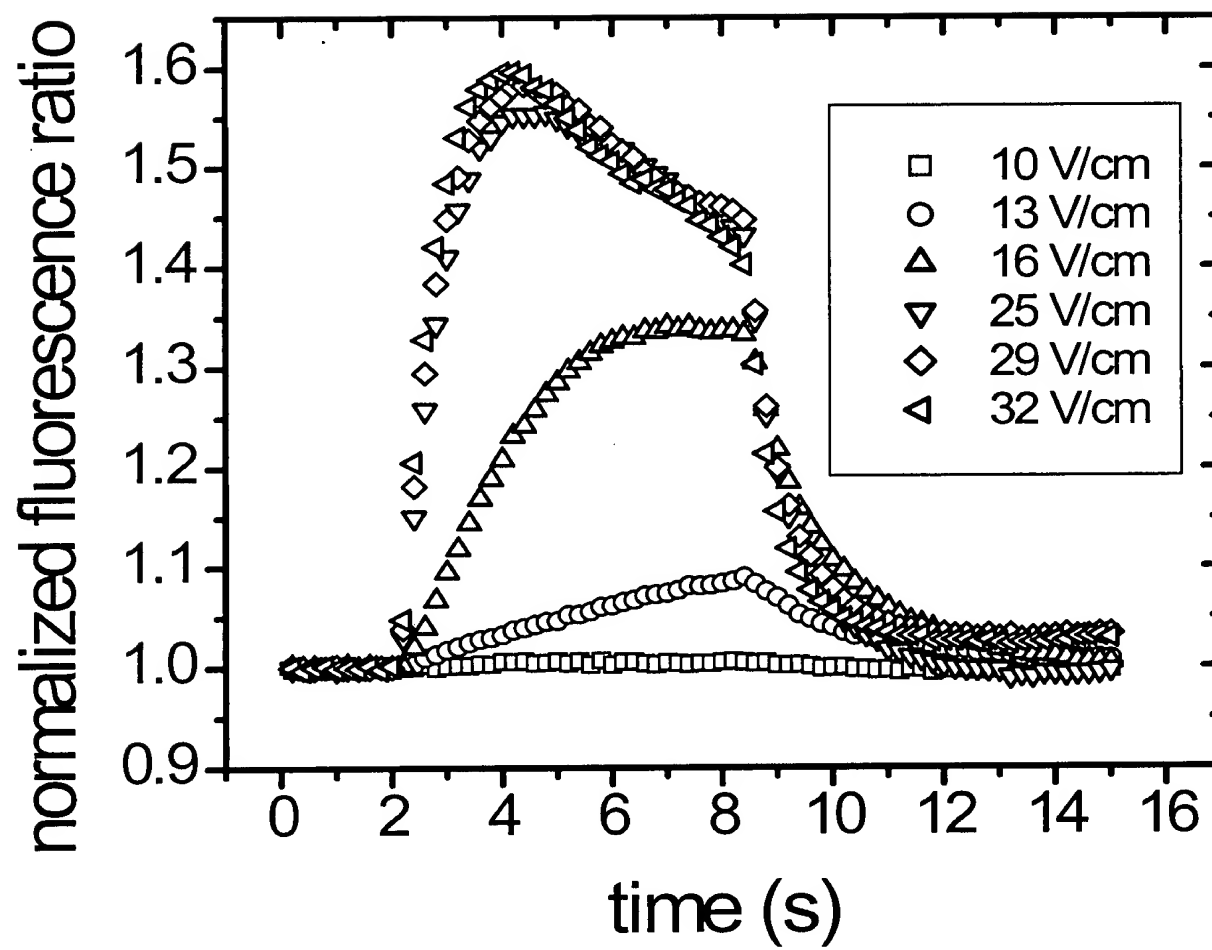


FIG. 10

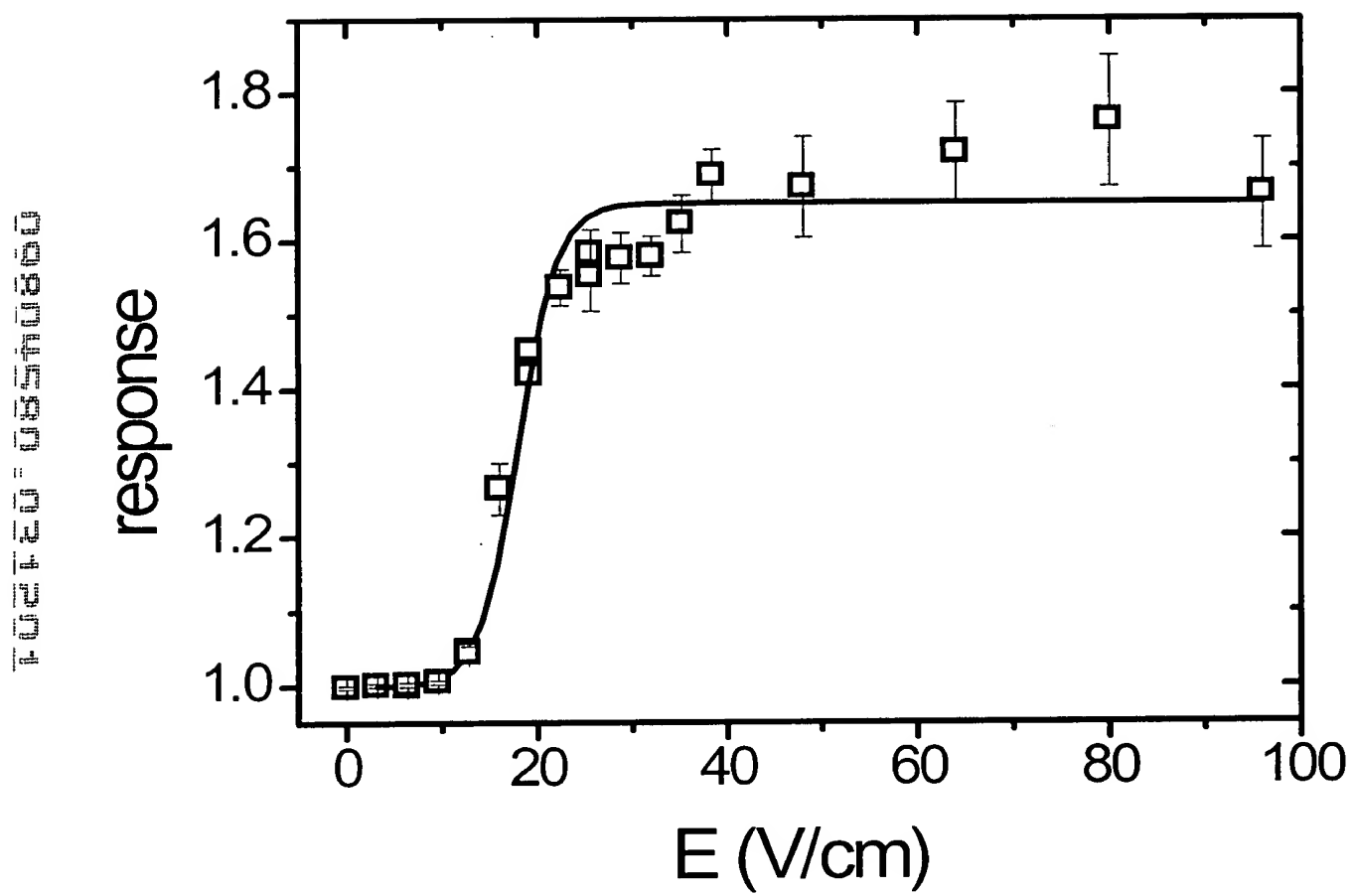


FIG. 11

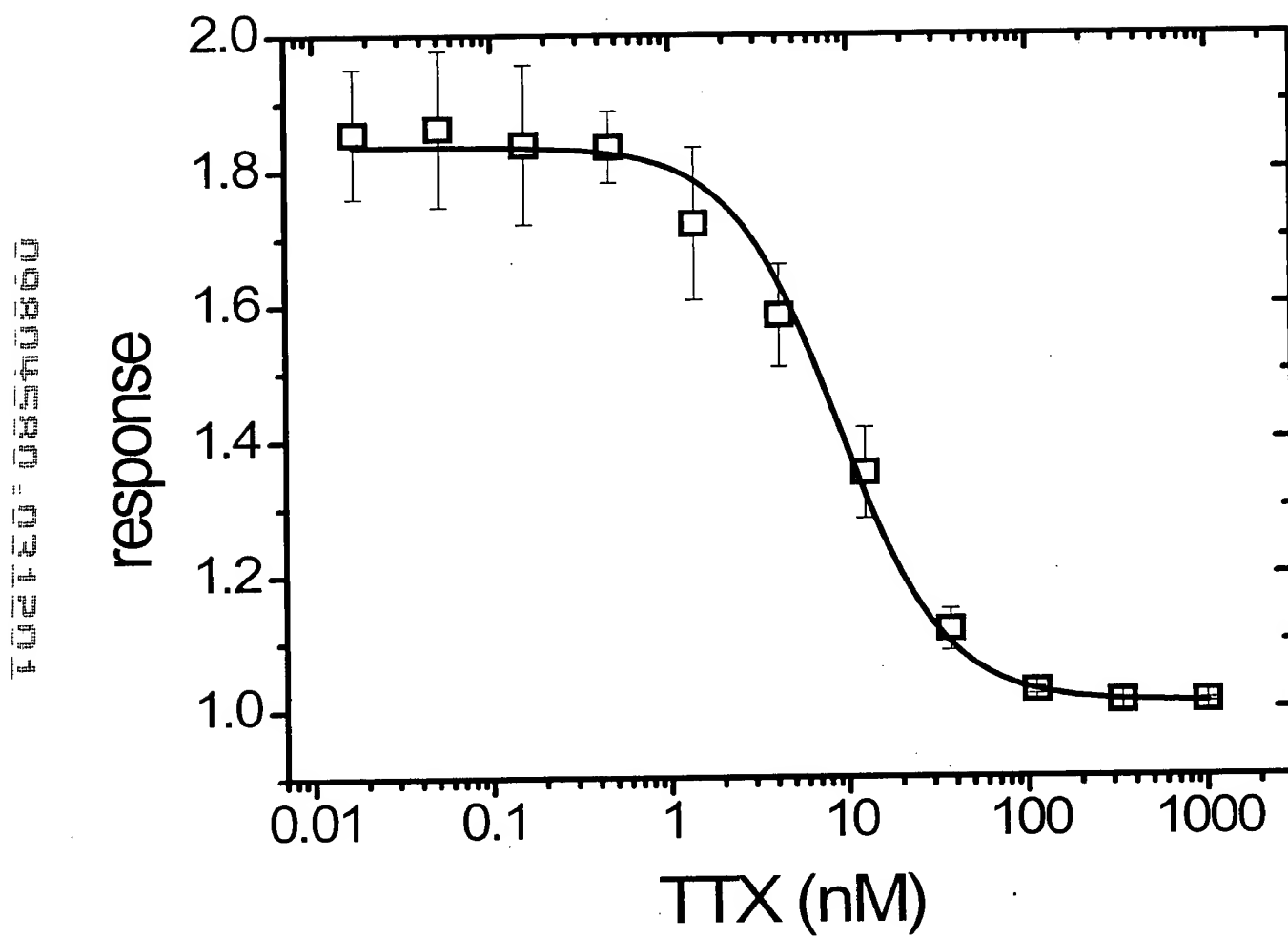


FIG. 12



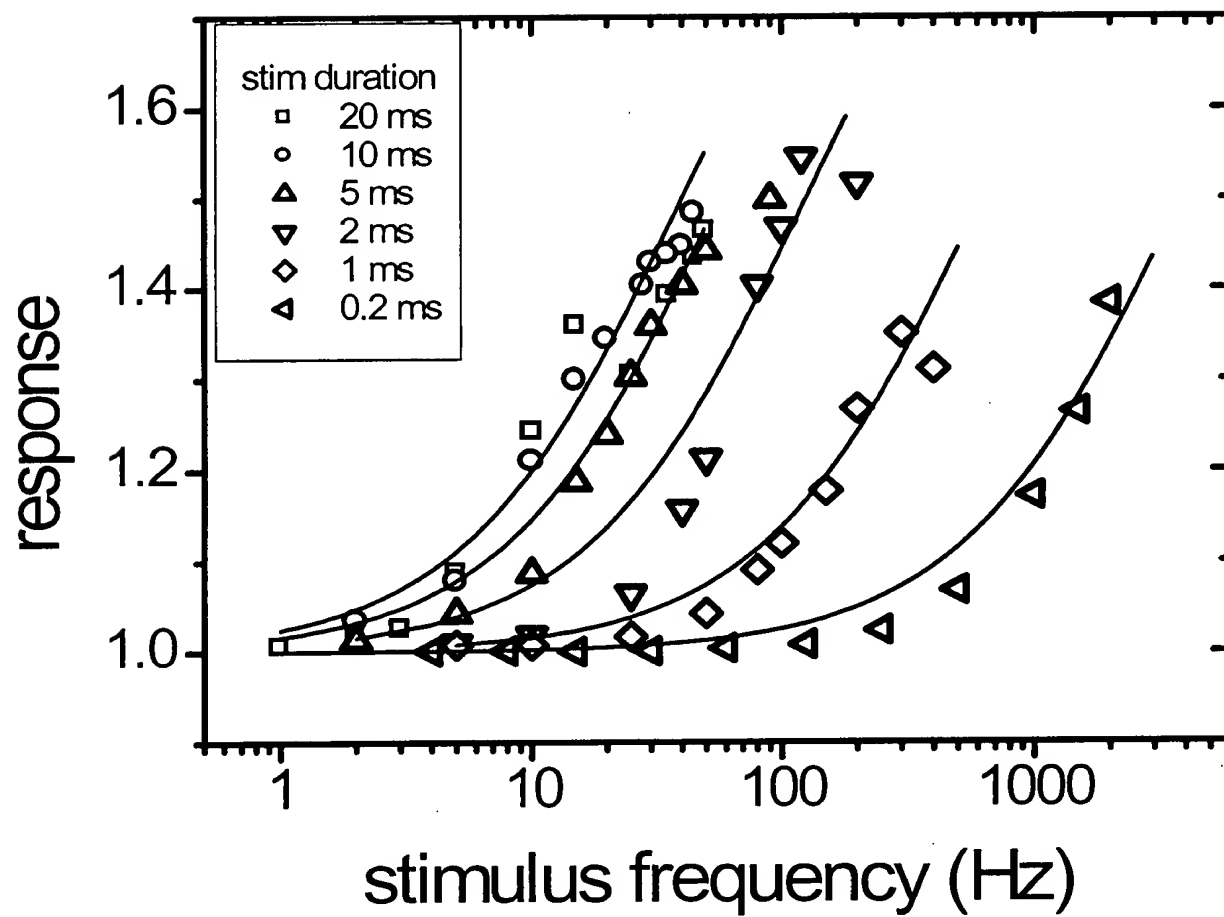


FIG. 13

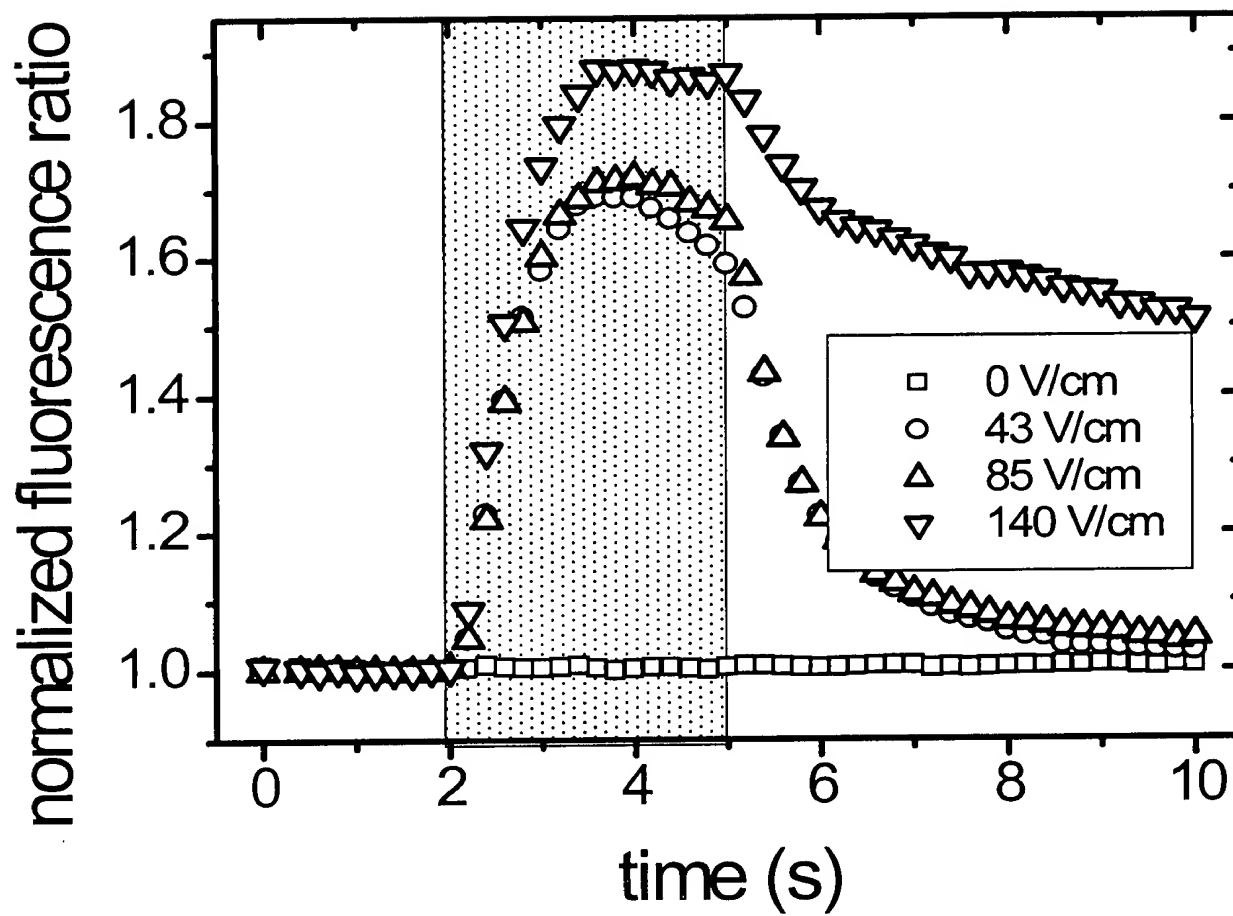


FIG. 14

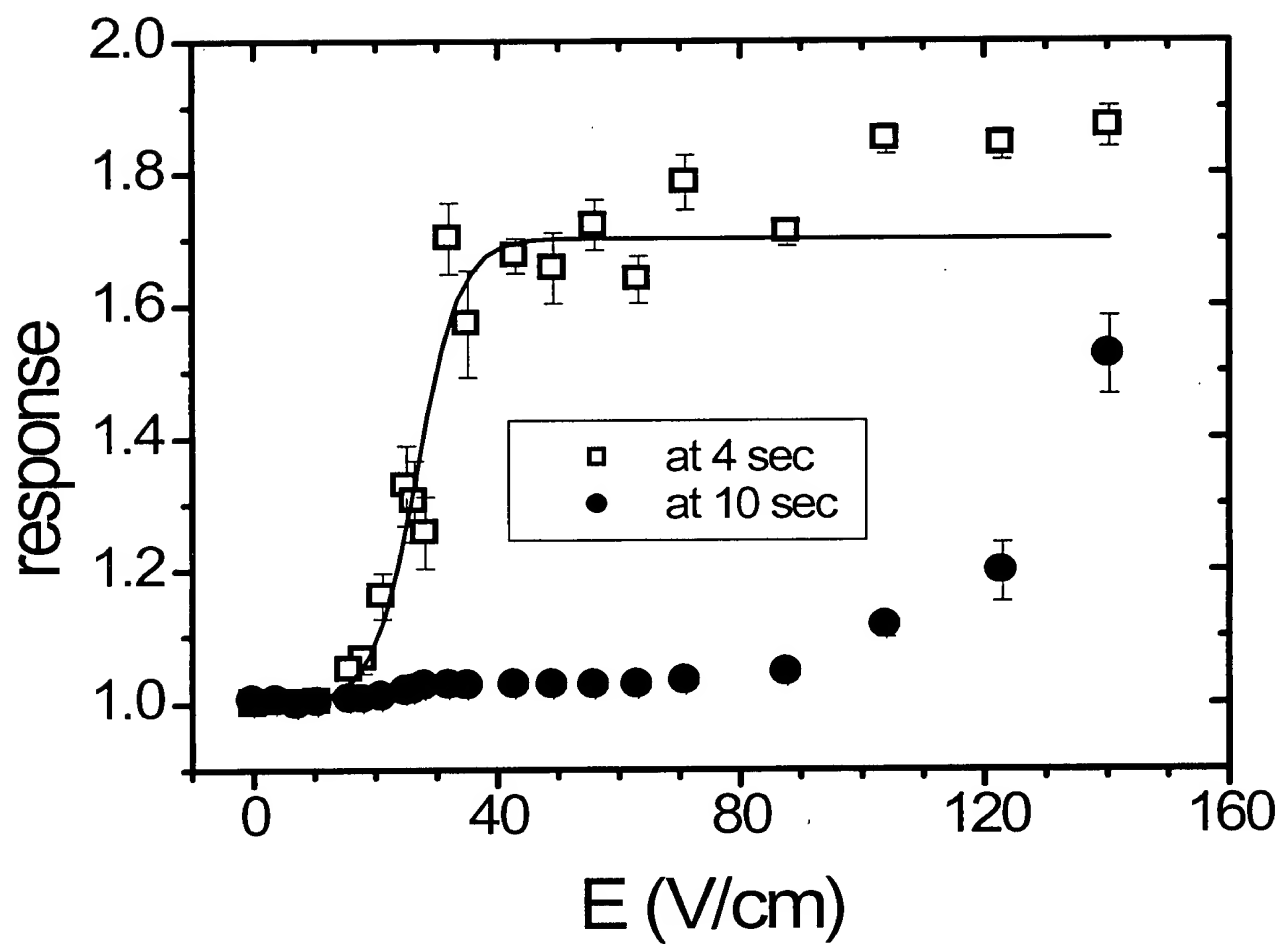


FIG. 15

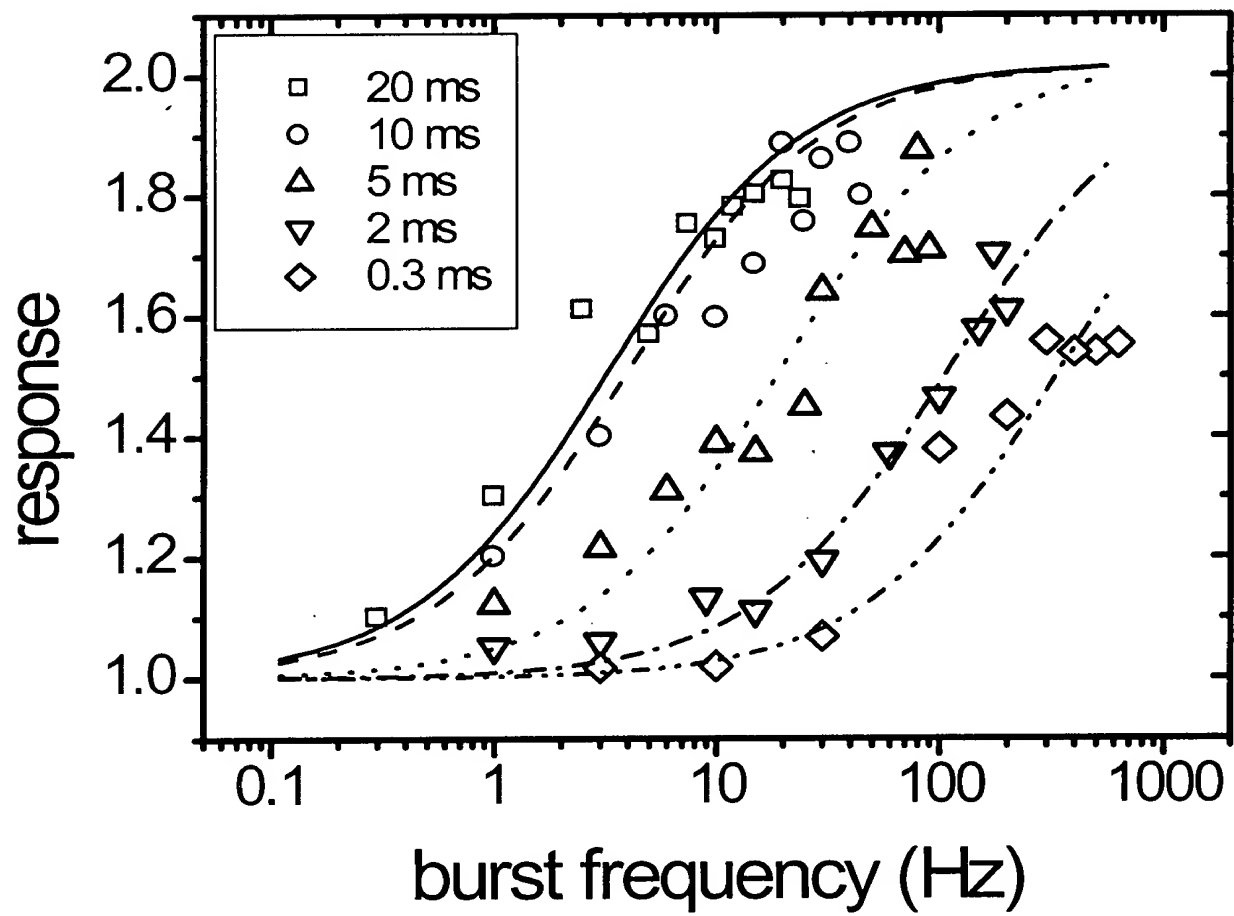
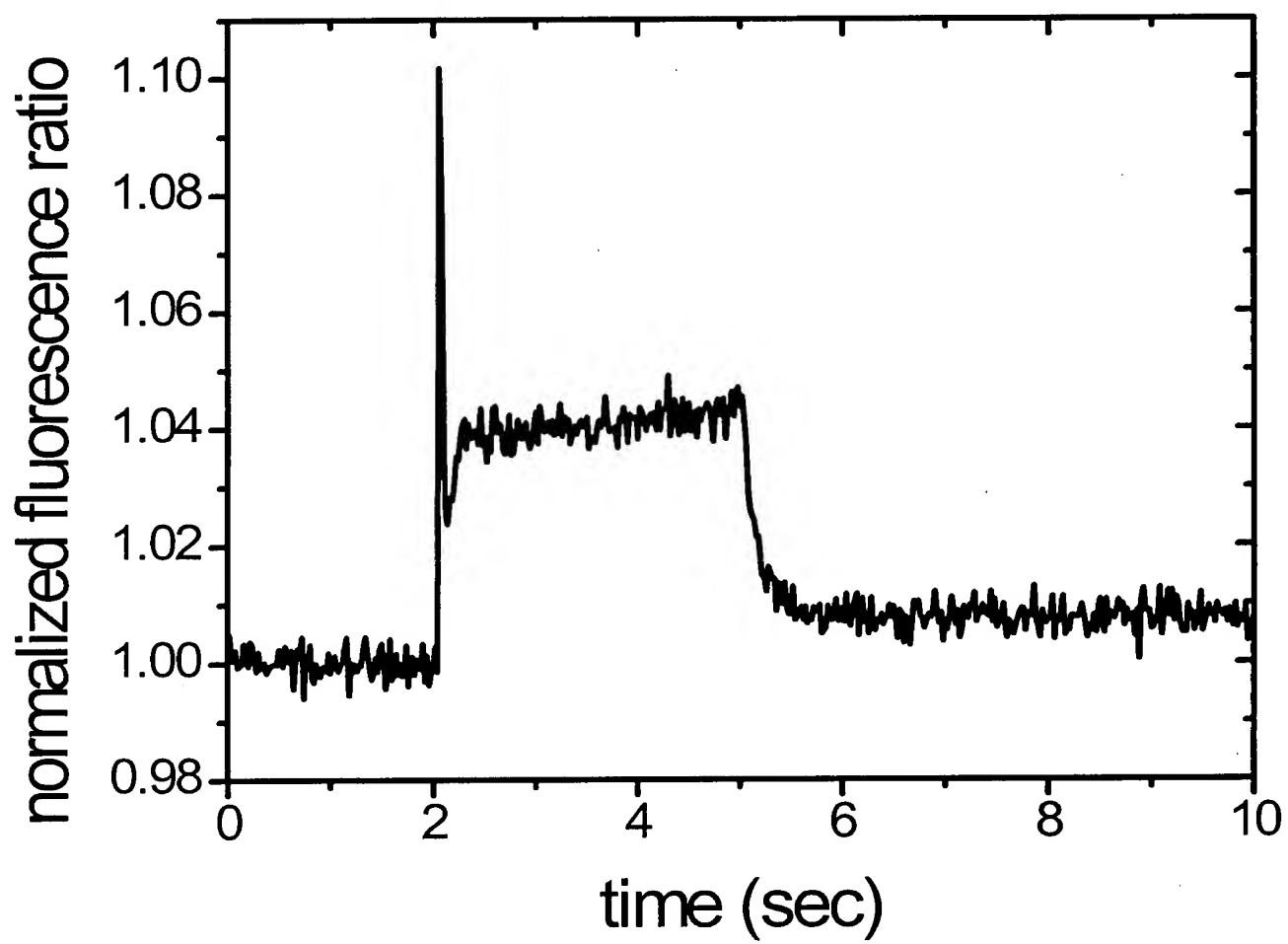


FIG. 16



102120-06510860



**FIG. 18**

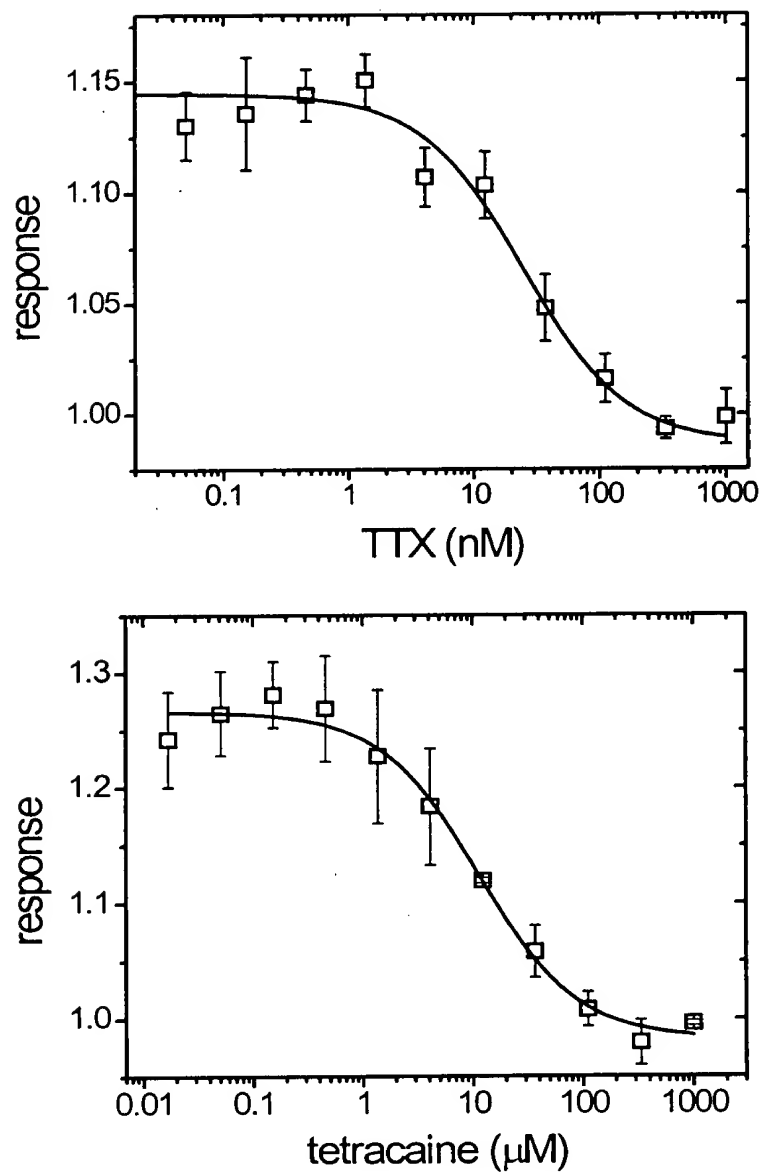


FIG. 19

102120-08410800

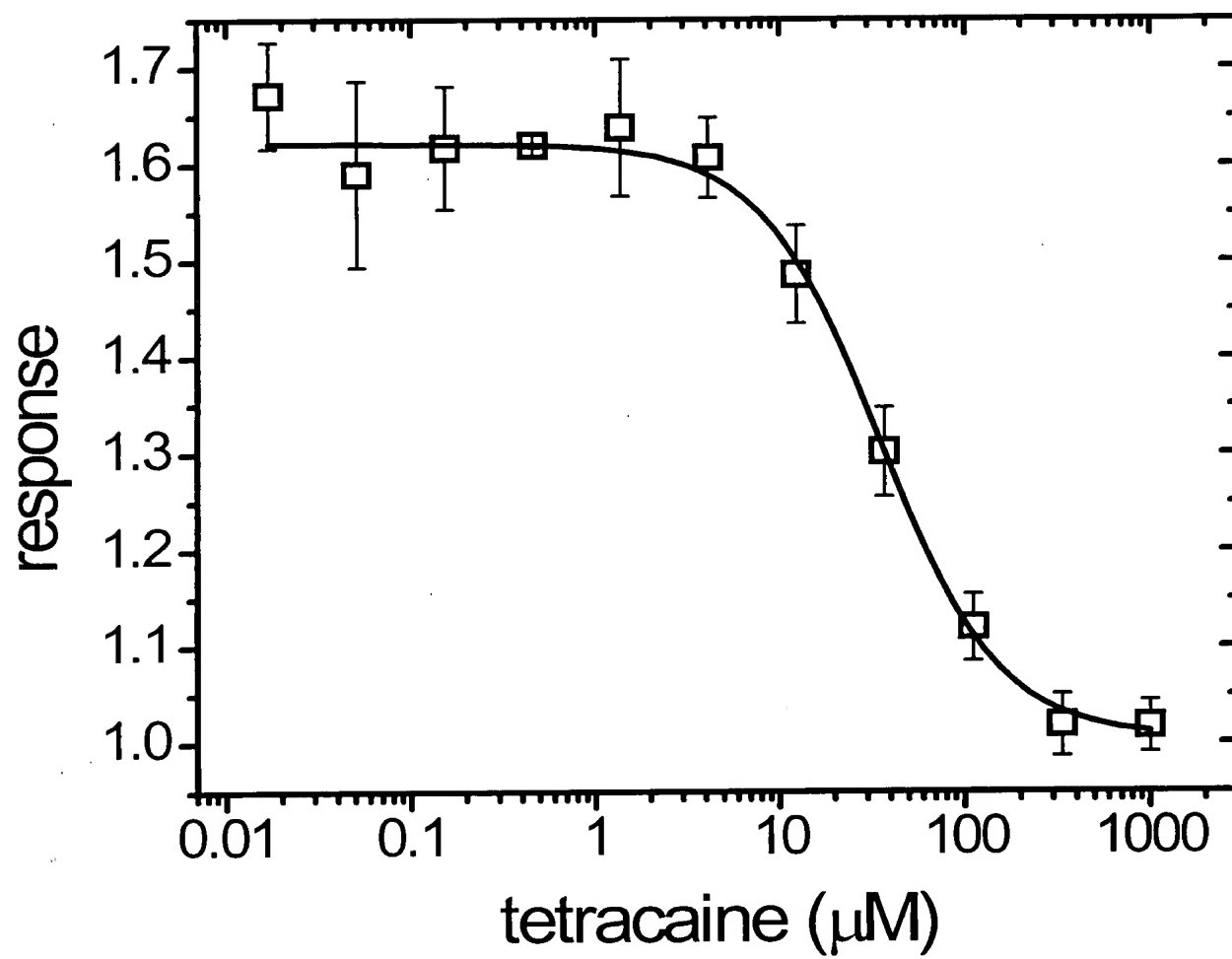
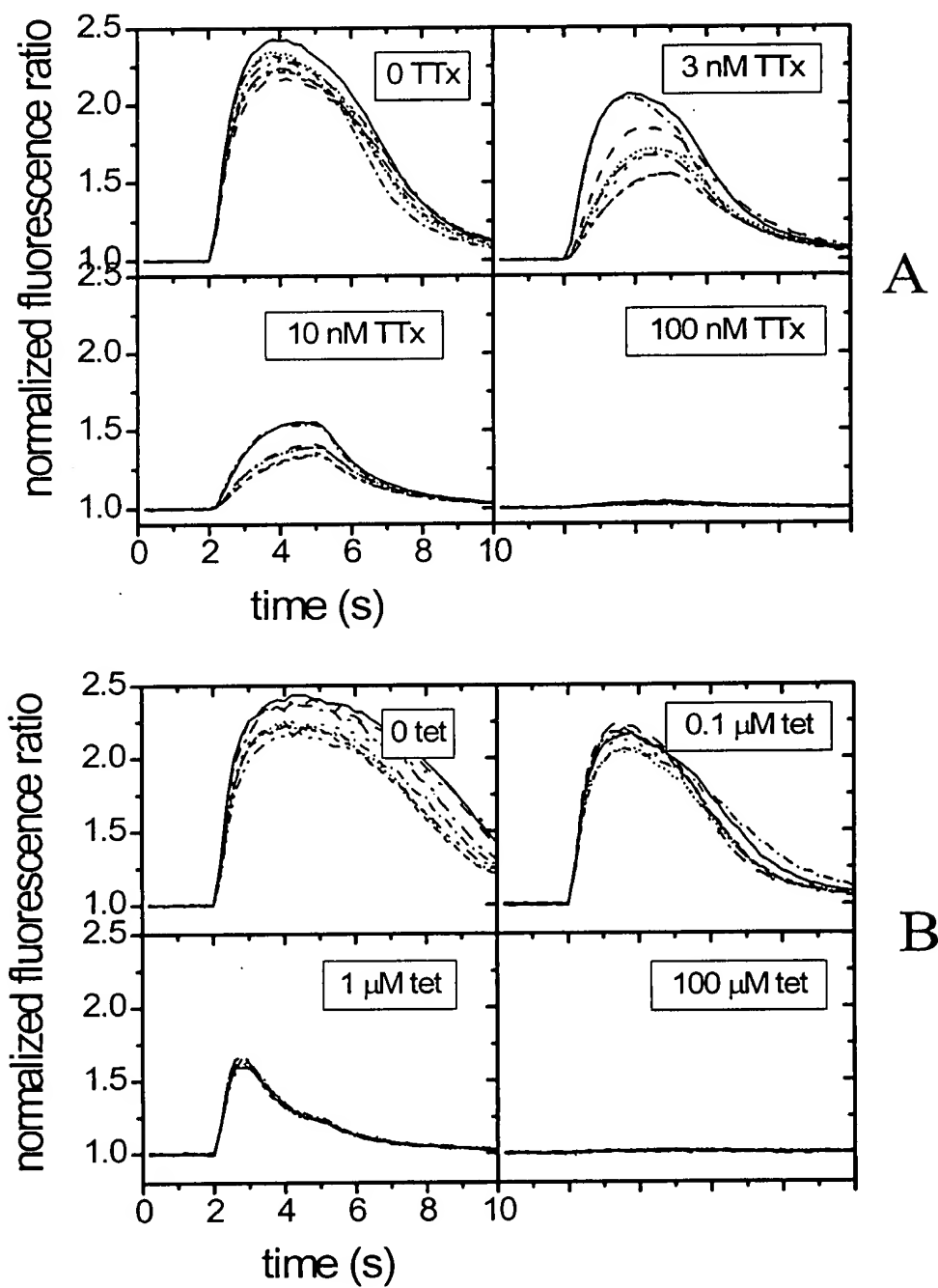


FIG. 20



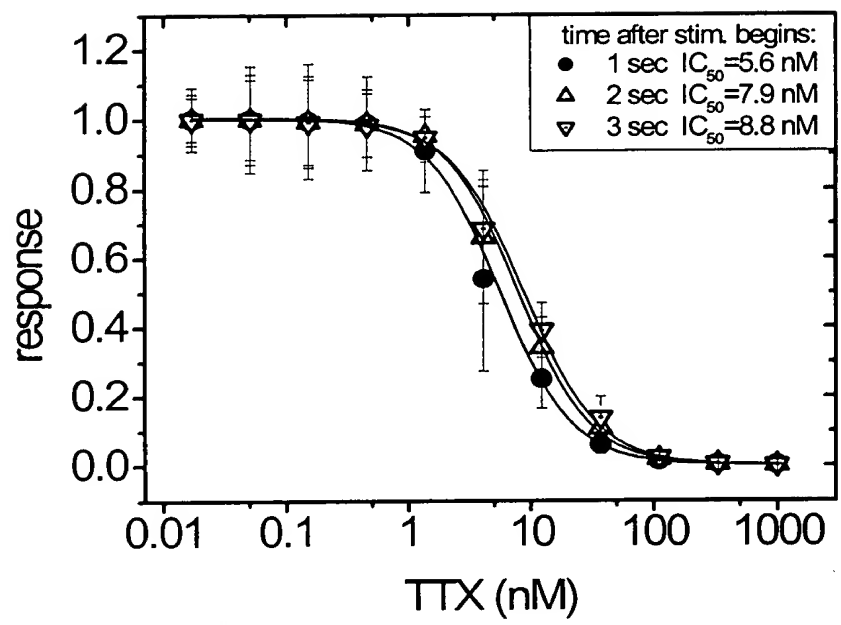




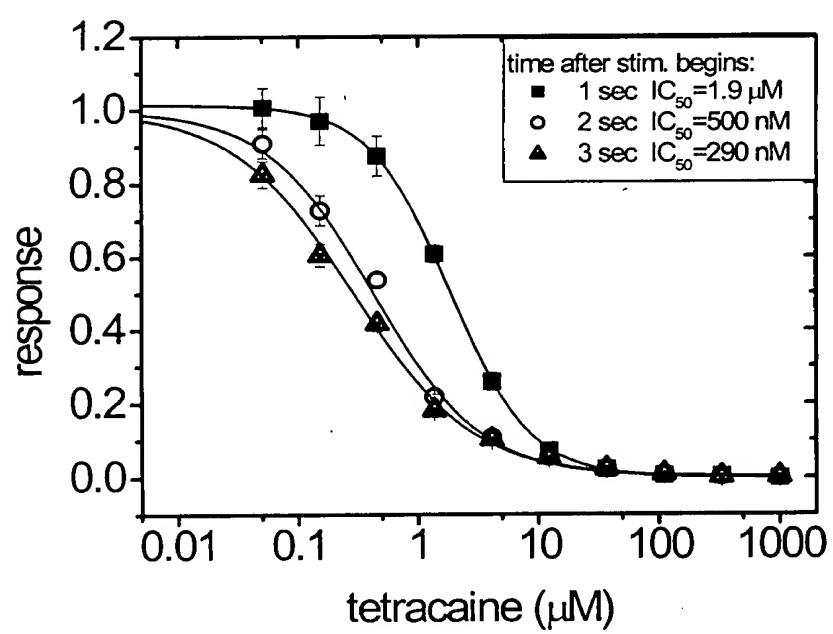


**FIG. 23**

102120-08510860



A



B

FIG. 24

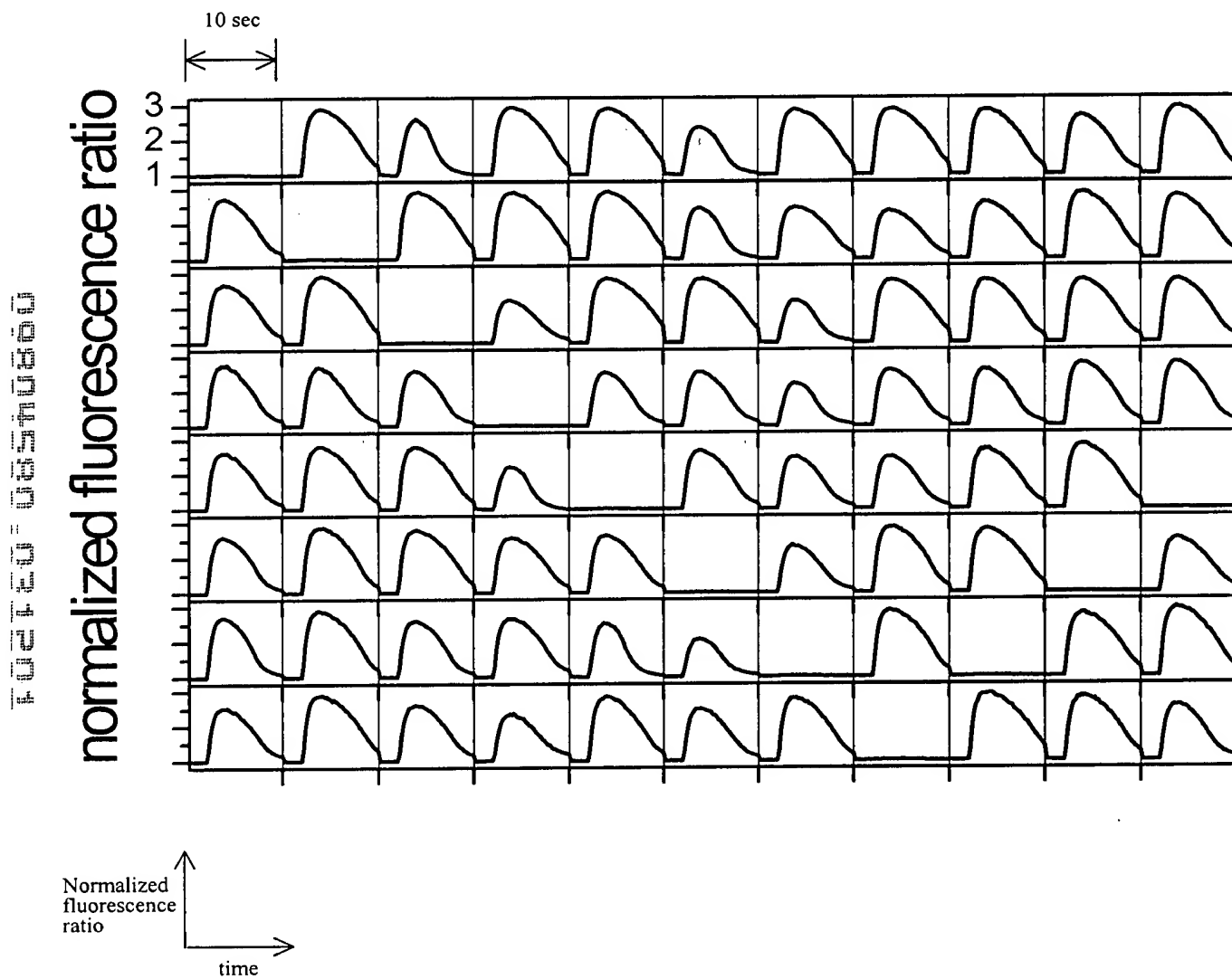


FIG. 25

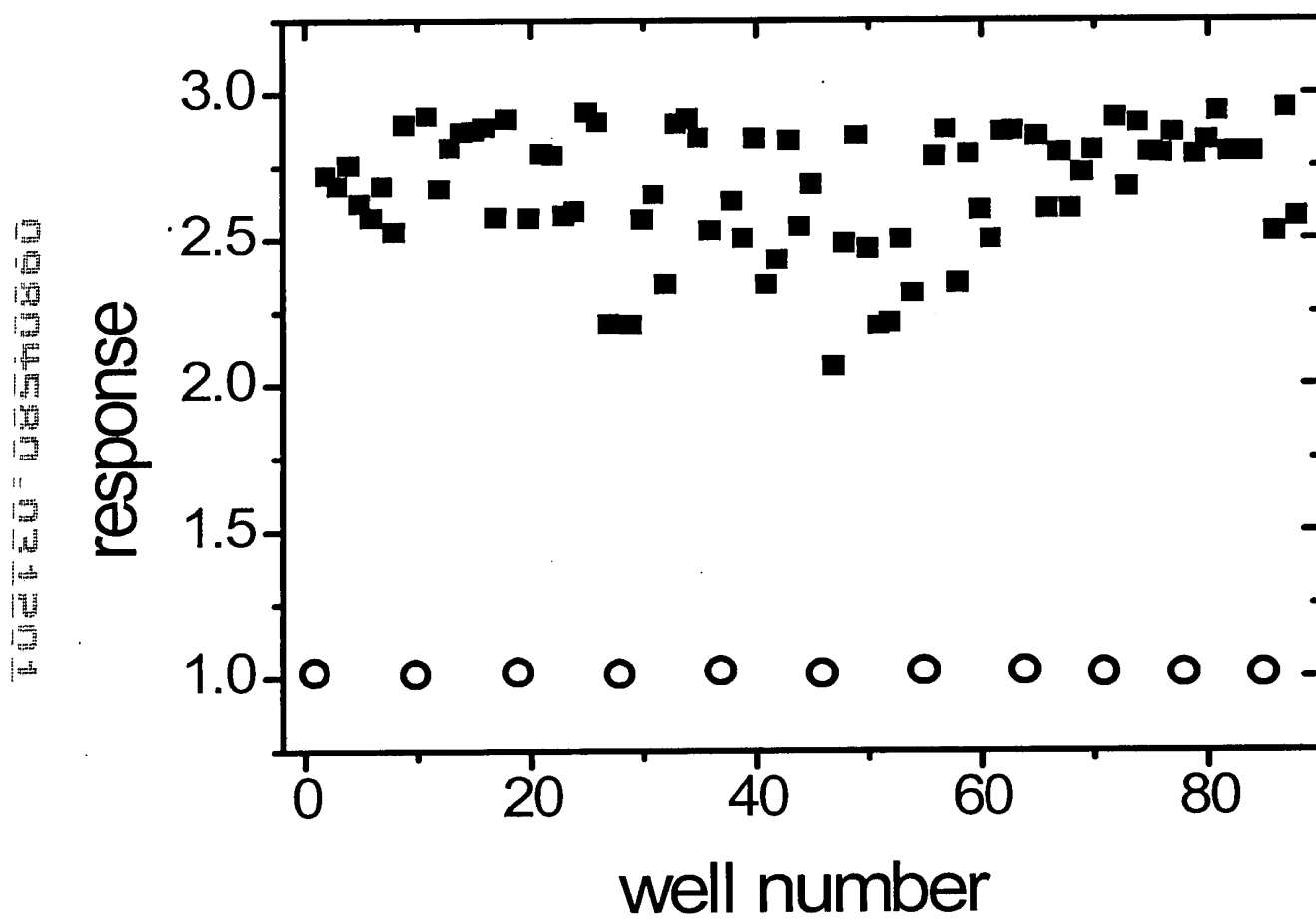
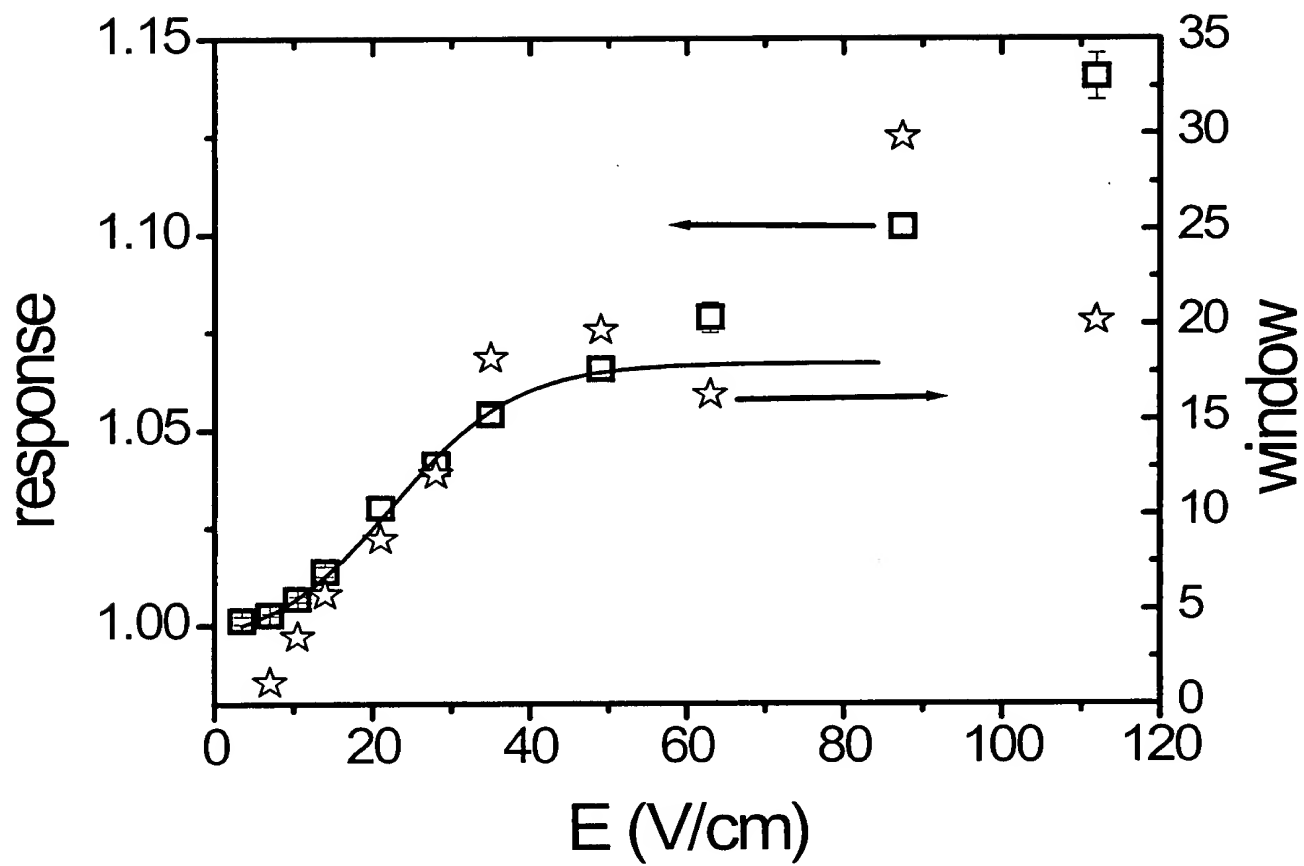


FIG. 26

Figure 1 displays eight vertically stacked traces showing the time course of normalized fluorescence ratio in response to increasing magnetic field strength. The traces are organized into two groups: the top four traces are labeled 'TEA' on the right, and the bottom four traces are labeled 'TTx' on the right. Each trace shows a baseline that shifts upwards as the magnetic field strength increases, indicated by an arrow at the top labeled 'increasing field strength'. A scale bar at the top left indicates a duration of 10 seconds. A legend at the bottom left shows a coordinate system with 'Normalized fluorescence ratio' on the y-axis and 'time' on the x-axis.

FIG. 27



**FIG. 28**



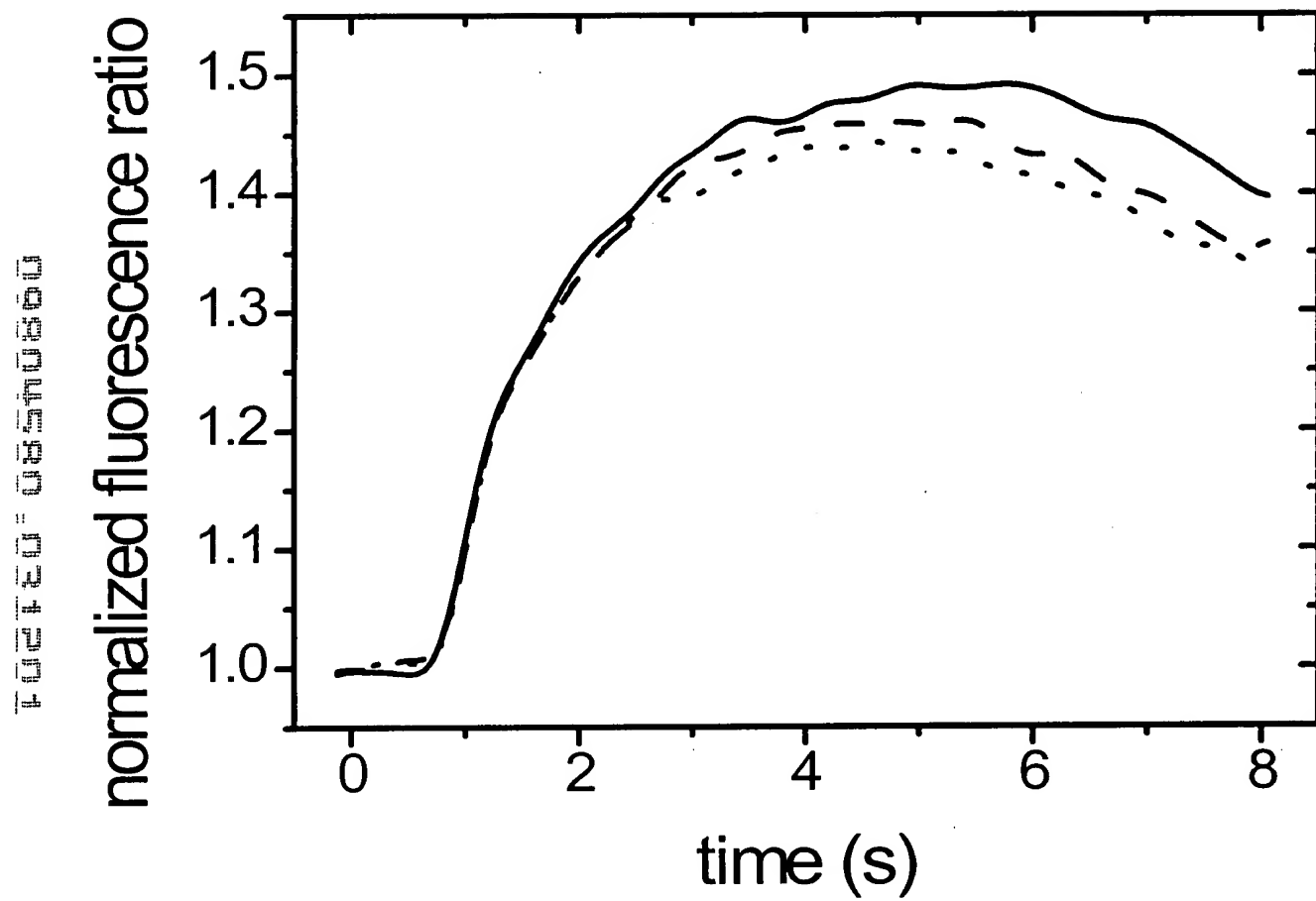


FIG. 29

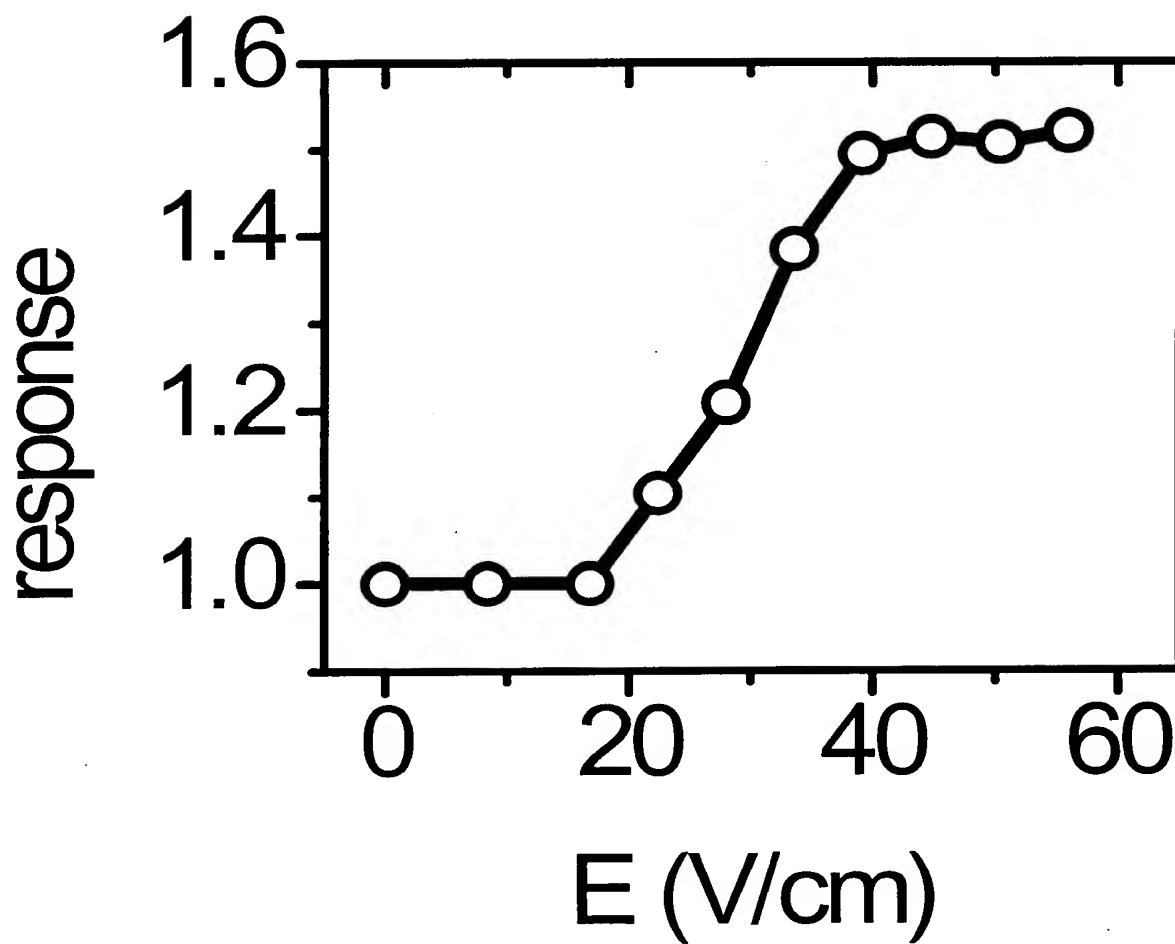


FIG. 30

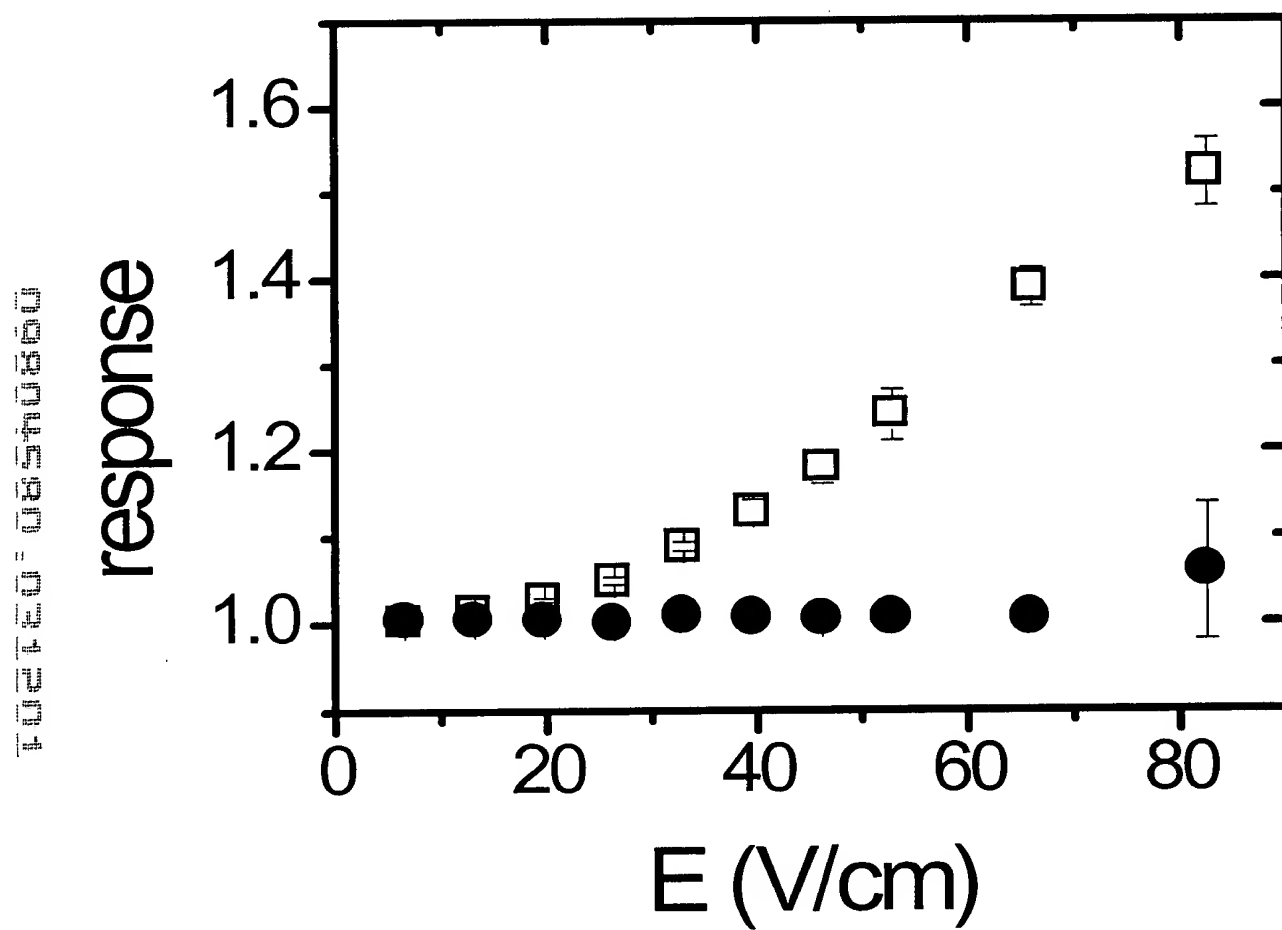


FIG. 31